

**GOVERNMENT OF INDIA  
ROAD TRANSPORT AND HIGHWAYS  
LOK SABHA**

UNSTARRED QUESTION NO:3979  
ANSWERED ON:30.04.2012  
CONSTRUCTION OF BITUMEN AND CEMENTED ROADS  
Gandhi Shri Dilip Kumar Mansukhlal

**Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:**

- (a) whether presently cement is increasingly being used than bitumen in the construction of National Highways/roads in the country, and if so, the details thereof;
- (b) whether wearing of tyres is less on bitumen roads as compared to cemented roads;
- (c) if so, the roads in Kilo meter constructed with cement so far during each of the last three years;
- (d) whether in future also, the roads will be constructed with cement only;
- (e) if so, the details thereof; and
- (f) the cost of bitumen roads and cemented roads per km, separately?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF ROAD TRANSPORT AND HIGHWAYS (SHRI JITIN PRASADA)

- (a) No, Madam. In major National Highway projects being developed by this Ministry under PPP mode, the Concessionaires have been given flexibility to adopt their own designs, standards and specifications as per site requirements.
- (b) Yes, Madam.
- (c) The length of cement concrete roads constructed/proposed to be constructed so far, is about 3450 km.Stu
- (d)& (e) No, Madam. Does not arise.
- (f) The costs of bitumen roads and cemented roads depend upon a number of factors viz. type of soil, class of roads, traffic, design life, size of project, availability of materials and requisite equipment etc. However, the cost of cement road is about 25-30% more than bituminous road.